

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-4 and 11-20 without prejudice or disclaimer, and amend the claims as follows:

1-4. (Canceled.)

5. (Currently Amended) The method of manufacturing the glass base material according to claim ~~[[1]]~~ 7, wherein ~~[[the]]~~ a thickness of the inner clad layer of the core rod is equal to or larger than 1 mm.

6. (Currently Amended) The method of manufacturing the glass base material according to claim ~~[[1]]~~ 7, wherein ~~[[for]]~~ a heat insulator used for the electric furnace ~~is comprised of~~ comprises carbon material containing 810 ppm or less ash.

7. (Currently Amended): ~~The method of manufacturing glass base material according to claim 1,~~ A method of manufacturing a glass base material, which includes:

forming a porous glass base material which includes a dopant added core part, and an inner clad layer surrounding said core part and having a lower refractive index than the core part;

transforming said porous glass base material into a clear glass to be provided as a core ingot;

heating and elongating said core ingot in an axial direction in an electric furnace to make a core rod; and

forming an outer clad layer surrounding said core rod,

wherein the transformed core ingot has an outer diameter of 70 mm or more, a ratio of an outer diameter of the core part d to an outer diameter of the inner clad layer D, or d/D , is smaller than 0.21, and

wherein a glass tube is welded on an outer surface of the core rod elongated in the electric furnace.

8. (Currently Amended): The method of manufacturing the glass base material according

to claim [[1]] 7, wherein glass fine particles are deposited on the outer surface of the core rod, which is elongated in the electric furnace, to form a porous glass body, before the porous glass body is transformed into clear glass.

9. (Currently Amended): The method of manufacturing the glass base material according to claim [[1]] 7, wherein the outer surface of the core rod is etched with fluorine, then glass fine particles are deposited to form a porous glass body, and the porous glass body is transformed into clear glass.

10. (Currently Amended) A glass [[Glass]] base material made with the method of manufacturing the glass base material according to claim [[1]] 7.

11-20. (Canceled.)